

H

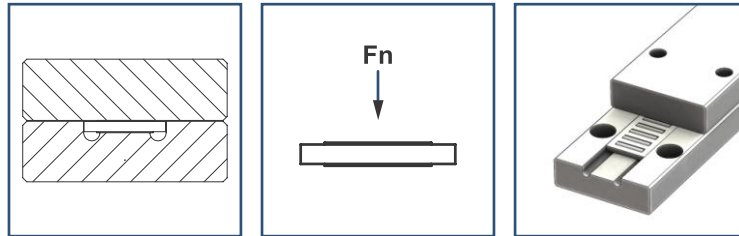
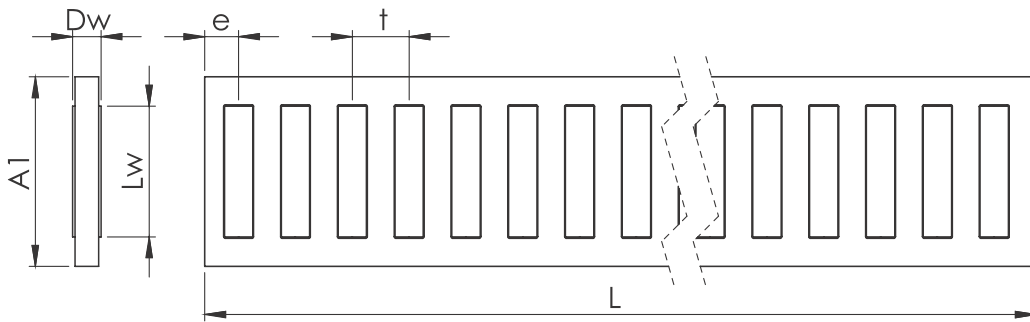
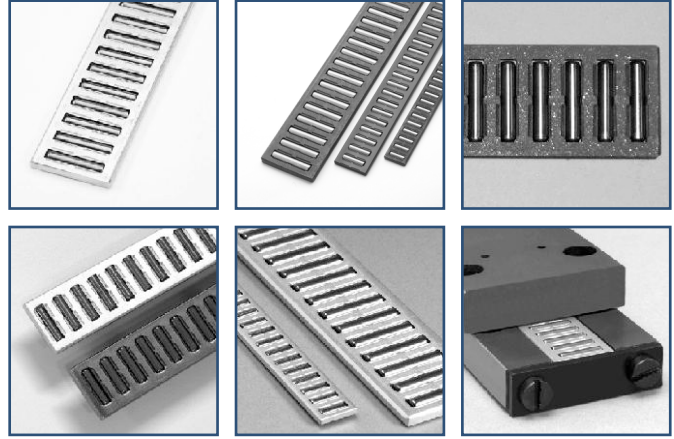
Manufactured from profiles of light metals - aluminium (Al), brass (Ms) or steel (F)

High precision and strength at low deadweight (aluminium)

Destined for heavy-duty working conditions at high loads and accelerations

Working temperature up to 150°C

Applicable to linear flat guides



| Type | Dimensions | | | | | Load Capacity | | | Table for weight values of bearing cages (for the length of L=1000 mm) [g] | | |
|------|------------|-----|------|-----|-----|---------------|----------|-----------|---|-----|-----|
| | A1 | Dw | Lw | t | e | L max | C [N] | Co [N] | Al | F | Ms |
| H10 | 10 | 2 | 6.8 | 4.5 | 3.5 | 3 000 | 21 600 | 62 800 | 63 | 127 | - |
| H15 | 14 | 2.5 | 9.8 | 5 | 3.5 | 3 000 | 35 800 | 103 800 | 120 | 224 | 234 |
| H20 | 20 | 3 | 13.8 | 6 | 4.5 | 3 000 | 51 900 | 148 000 | 202 | 369 | 389 |
| H25 | 25 | 3.5 | 17.8 | 7 | 5 | 3 000 | 68 200 | 190 000 | 294 | 546 | 575 |

- Load capacity for the theoretical length of the cage of 100 mm with the thrust force "F" in accordance to the drawing.
- The load capacity is calculated for guides with hardness of 60 +/- 2 HRC and surface roughness of Ra<0,4.
- Load capacity of bearing cages is calculated on the basis of number of bearing needles mounted in the cage
- Length tolerance LK +0/-t

